

**DETAILED ACTION**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with James Dobrow on January 18, 2008.

As to claim 1, line 11, the term "sequence" is replaced by the term "sequences".

As to claim 6, line 8, the term "sequence" is replaced by the term "sequences".

As to claims 9 and 10, cancel claims 9 and 10.

BO  
2/29/08

**Allowable Subject Matter**

Claims 1 and 3-8 are allowed. The following is an examiner's statement of reasons for allowance: the prior art of record fails to disclose modifying means for modifying said initial sequence so as to produce a plurality of modified sequences, which each compensate for a phase jump configuration, calculation means for calculating straight line equations which determine the initial sequence and the modified sequences, and calculation means for calculating for the initial sequence and the modified sequences a mean difference between the initial or modified phases and the phases produced by the corresponding straight line equation, said final sequence being formed by the sequence whose mean difference is minimal.